## **Special Issue**

# Renewable Energy for Environmental Sustainability

### Message from the Guest Editors

The mission of this Special Issue is to bring together the research community, the private sector, and policy decision-makers to submit the latest studies, including reviews, original research articles focusing on policy analysis, empirical modeling, experiments, and case studies.

# The scope of this Special Issue includes, but is not limited to:

- Renewable Energy Technologies: photovoltaic applications and technology, solar thermal applications, hydropower, ocean energy, biomass and waste-to-energy, wind technology, distributed energy generation, and green hydrogen;
- Renewable Energy Applications: buildings, industry, and transport, including information and communication systems;
- Environment: atmosphere, climate issues, meteorology, mitigation technologies (e.g., carbon capture and storage (CCS), carbon capture and utilization (CCU), and solar radiation management);
- Other Relevant Topics: renewable energy policies and regulatory frameworks, life cycle assessment (LCA) of renewable energy systems, social acceptance and community involvement, and the biodiversity and land use impacts of renewable energy.

#### **Guest Editors**

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### Deadline for manuscript submissions

30 March 2026



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### Editor-in-Chief

#### Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G OC5, Canada

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